

What is claimed is:

1. A digital broadcast receiving device comprising:

receiving means, arranged in a personal computer, for receiving a high-definition television picture of a digital broadcast signal and decoding the high-definition television picture; and

displaying means, arranged in the personal computer, for selecting either the high-definition television picture decoded by the receiving means or an output picture of the personal computer and displaying the selected high-definition television picture or the selected output picture on a display.

2. A digital broadcast receiving device according to claim 1, wherein the receiving means is arranged on a board and is set to the personal computer.

3. A digital broadcast receiving device according to claim 1, wherein the receiving means is arranged in a card and is set to the personal computer.

4. A digital broadcast receiving device according to claim 1, wherein the high-definition television picture or the output picture of the personal computer is displayed on a monitor of the personal computer by the display means.

5. A digital broadcast receiving device according to claim 1, wherein the high-definition television picture or the output picture of the personal computer is displayed on a monitor of a high-definition television set by the

display means.

6. A digital broadcast receiving device according to claim 1, further comprising

5 a central processing unit, arranged in the personal computer, for controlling the receiving means and the displaying means to display the high-definition television picture decoded by the receiving means on the display of the displaying means.

10 7. A digital broadcast receiving device according to claim 6, further comprising

a peripheral component interconnect bus arranged in the personal computer, wherein contents of a data broadcast signal multiplexed in the digital broadcast signal are
15 output by the receiving means to the central processing unit through the peripheral component interconnect bus.

20 8. A digital broadcast receiving device according to claim 6, further comprising

a peripheral component interconnect bus arranged in the personal computer, wherein an electronic program guide multiplexed in the digital broadcast signal is output by the receiving means to the central processing unit through
25 the peripheral component interconnect bus.

9. A digital broadcast receiving device according to claim 1, further comprising

a peripheral component interconnect bus arranged in the
30 personal computer; and

a graphic card, arranged in the personal computer, for storing the output picture of the personal computer, wherein the high-definition television picture is converted into a normal picture by the receiving means and is stored in the graphic card through the peripheral component interconnect bus, and the normal picture stored in the graphic card is displayed on the display of the displaying means.

10. A digital broadcast receiving method comprising the steps of:

setting a board, on which an element having a data receiving function and a data decoding function is arranged, into a personal computer;

receiving a digital broadcast signal in the board;
decoding a high-definition television picture of the digital broadcast signal in the board;

selecting either the decoded high-definition television picture or an output picture of the personal computer; and

displaying the selected high-definition television picture or the selected output picture on a display.

11. A digital broadcast receiving method comprising the steps of:

setting a card having a data receiving function and a data decoding function into a personal computer;

receiving a digital broadcast signal in the card;
decoding a high-definition television picture of the digital broadcast signal in the card;

selecting either the decoded high-definition television